

I hereby certify that this correspondence is being deposited with Federal Express for FedEx 2Day delivery addressed to: U.S. Patent and Trademark Office, 2011 South Clark Place, Customer Window, Mail Stop Amendment, Crystal Plaza Two, Lobby, Room 1B03, Arlington, VA 22202

Fedfix Tracking No: 8383 7609 9699 on September 14, 2004

Deanna L. Hasler

<u>PATENT</u> Case No.: 10022/041

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	)	
	)	Group Art Unit: 2155
Scott R. Sargent	)	
	)	Examiner: Michael Young Won
Serial No.: 09/677,074	)	
	)	Confirmation No. 2139
Filed: September 29, 2000	)	
	)	RECEIVED
For: BASE SERVICE ARCHITECTUR	ES)	055 1 0 000
FOR NETCENTRIC COMPUTING	)	<b>SEP 1 6</b> 2004
SYSTEMS	)	Technology Center 2100

## DISCLOSURE OF PRIOR ART UNDER 37 C.F.R. § 1.56

U.S. Patent and Trademark Office 2011 South Clark Place Customer Window MAIL STOP RCE Crystal Plaza Two, Lobby Room 1B03 Arlington, VA 22202

Dear Sir:

In connection with the examination of the above-identified application, the applicant, through the subscribing attorney, hereby invites the Examiner's attention to the enclosed list of prior art.

Also enclosed are copies of a Request for Continued Examination and a Preliminary Amendment in the above-referenced application, which is being transmitted simultaneously herewith under separate cover, via express mail, Express Mail Label No. EV425069478US.

Filed: September 29, 2000

While the attached list of prior art is believed to include the closest prior art of which the applicant is presently aware, the applicant does not represent that any search for prior art has necessarily been made nor that no better prior art exists. For the convenience of the Examiner, a copy of each piece of prior art listed is attached hereto.

Respectfully submitted,

Sanders N. Hillis Reg. No. 45,712

BRINKS HOFER GILSON & LIONE One Indiana Square, Suite 1600

Indianapolis, Indiana 46204-2033 Telephone: (317) 636-0886

Fax: (317) 634-6701

FORM PTO-1449	SERIAL NO.	CASE NO.
	09/677,074	10022/041
LIST OF PATENTS AND PUBLICATIONS FOR	FILING DATE	GROUP ART UNIT
APPLICANT'S INFORMATION DISCLOSURE	September 29, 2000	2183
STATEMENT		
(use several sheets if necessary)	APPLICANT(S): Scott R. Sarge	ent

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCU NUM Number-Kind C	BER DATE	: NAN	ME O P E SUBCLAS	
				/ *\	

FOREIGN PATENT DOCUMENTS

EXAMINER		DOCUMENT		(Tr.	CLASS/	TRANSLA YES OR	
INITIAL		NUMBER Number-Kind Code (if known)	DATE	COUNTRYSTRADE	SUBCLASS	123 01	140
	A1	EP 0520923 A2	12/30/1992	Europe	G06F 15/21		
	A2	EP 0697655 A2	02/21/1996	Europe	G06F 9/46		
	A3	EP 0697691 A2	02/21/1996	Europe	G09G 5/14		
	A4	EP 0769739 A2	04/23/1997	Europe	G06F 9/44		
	A5	EP 0810520 A1	12/03/1997	Europe	G06F 9/44	Te	
	A6	EP 0829808 A2	03/18/1998	Europe	G06F 13/38	ဌ	
	A7	EP 0915422 A1	05/12/1999	Europe	G06F 11/22	70	SE
	A8	GB 2315891 A	02/11/1998	United Kingdom	G06F 17/30	пооду	P
	A9	WO 92/20022	11/12/1992	PCT	G06F 1/00		1
	A10	WO 97/12311	04/03/1997	PCT	G06F	Cen	ರಾ
	A11	WO 98/52121	11/19/1998	PCT	G06F 11/32	ter	2004
	A12	WO 98/53396	11/26/1998	PCT	G06F 9/44	21	04
	A13	WO 98/54660	12/03/1998	PCT	G06F 17/30	90	
	A14	WO 98/57260	12/17/1998	PCT	G06F 9/44		
	A15	WO 99/38079	07/29/1999	PCT	G06F 13/00		

EXAMINER	OTHER ART – NON PATENT LITERATURE DOCUMENTS			
INITIAL	(In sym	(Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.		
	A16	Billy B.L. Lim, "Teaching web development technologies in CS/IS curricula," ACM, copyright 1998, pp. 107-111		
	A17	Litoiu et al., "A performance engineering tool and method for distributed applications," ACM, pp. 1-14		
	A18	Zoller et al., "A toolkit for an automatic, data dictionary based connection of databases to the WWW," ACM, copyright 1998, pp. 706-718		
<b>₹</b>	A19	McDowell et al., "Unloading Java classes that contain static fields," ACM, v. 33(1), 10/15/1997, pp. 56-60		
	A20	Orfali, R., Harkey, D., "Client/Server Programming with OS/2 2.0 (2nd Ed.)" 1992, Van Nostrand Reinhold New York, U.S., pp. 10-24, 111-137, 149-160, 588-594, XP002164217, ISBN 0-442-01219-5		
	A21	Orfali, R., Harkey, D., Edwards, J., "Intergalactic Client/Server Computing, " Byte, McGraw-Hill, Inc., St. Peterborough, U.S., Vol. 20, No. 4, 1 April 1995, pp. 108-110, 114, 11, XP000501823, ISSN: 0360-5280;		
	A22	Smeets, J., Boyer, S., "Internet and Client Server Patent Information Systems: New Services from Derwent," World Patent Information, GB, Elsevier Sciences Publishing, Barking, Vol. 20, No. 2, June 1998, pp. 136-139, XP004165804, ISSN 0172-2190		
	A23	Orfali, R., Harkey, D., "Client/Server With Distributed Objects," Byte, McGraw-Hill, Inc., St. Peterborough, U.S., Vol. 20, No. 4, 1 April 1995, pp 151-152, 154, 156, XP000501827, ISSN 0360-5280		

EXAMINER DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Page 2 of 4

		1 agc 2 01 4
FORM PTO-1449	SERIAL NO.	CASE NO.
	09/677,074	10022/041
LIST OF PATENTS AND PUBLICATIONS FOR	FILING DATE	GROUP ART UNIT
APPLICANT'S INFORMATION DISCLOSURE	September 29, 2000	2183
STATEMENT	<u> </u>	
(use several sheets if necessary)	APPLICANT(S): Scott R. Sarge	nt

EXAMINER	OTHER ART – NON PATENT LITERATURE DOCUMENTS		
JAITHAL	(Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial,		
PIPE 3		posium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.	
5	A24	Aoyama, M., Hanai, Y., Suzuki, M., "An Integrated Software Maintenance Environment:	
CED . r 200/		Bridging Configuration Management and Quality Management," Proceedings of the	
SEP 1 5 2004	Ĕį	Conference on Software Maintenance, International Conference on Software Maintenance,	
×	/	Washington, US, IEEE Computer Society Press, 24 October 1988 pp. 40-44	
TA TRADEMARK	A25	Borsook, P., "Seeking Security. Mainframe Techniques Define System Security. Soon, they'll	
TRADEM		be Adapted To Distributed Client/Server Systems." Byte, McGraw-Hill, Inc., St. Peterborough,	
		Vol. 18, No. 6, 1 May 1993, pp. 119-122, 124, 12, XP000359327, ISSN 0360-5280.	
	A26	Tanenbaum, A., "Computer Networks - Third Edition," Prentice-Hall International, London, GB,	
		1996, pp. 28-39, XP002161723	
	A27	Blakeley, J.A., "Universal Data Access with OLE DB," Proceedings of IEEE Compcon, U.S. Los	
		Alamitos, IEEE Computer Society Press, 23 Feb. 1997, pp. 2-7	
	A28	IBM Technical Disclosure Bulletin, "Security, License Management and Application Metering	
		Process for Controlling Applications in the DOS Environment," IBM Corp., New York, US, Vol.	
		37, No. 11, pp 195-199, 1 Nov. 1994	
	A29	Voth, G.R., Kindel, C., Fujioka, J., "Distributed Application Development for Three-Tier	
		Architectures: Microsoft on Windows DNA," IEEE Internet Computing Vol. 2, No. 2, March/April	
		1998, USA	
	A30	Lambert, N., "A New Patent Search Tool For The Internet. Q-PAT US." Database, US,	
		Cincinnati, Vol. 19, No. 4, 1 August 1996	
	A31	Abdel-Mottaleb, M., Hsiang-Lung, W., Dimitrova, N., "Aspects of Multimedia Retrieval," Philips	
		Journal of Research, NL, Elsevier, Amsterdam, Vol. 50, No. 1, 1996, pp. 227-251	
	A32		
		Proceedings, IEEE, 1997, pp. 143-148	
	A33		
		Proceedings, IEEE, 1997, pp. 131-135	
	A34	Nori, A.K., Kumar, S., "Bringing Objects to the Mainstream," Compcon '97 Proceedings, IEEE,	
		1997, pp. 136-142	
	A35	"Data Joiner: A Multidatabase Server Version 1," White Paper, IBM Data Management	
		Solutions, IBM, USA, second edition (May 1995)	
	A36	"Effective Systems management for DB2 Universal Database," White Paper, IBM Data	
<b>I</b>		Management Solutions, IBM, USA, first edition (December 1996)	
	A37	Pleas, K., "Ole's Missing Links," BYTE, McGraw-Hill Inc., St. Peterborough, US, Vol. 21, No. 4,	
		1 April 1996, pp. 99-102 X-000586036, ISSN 0360-5280	
	A38	Burke, M.G., Choi, J.D., Fink, S., Grove, D., Hind, M., Sarkar, V., Serrano, M.J., Sreedhar,	
		V.C., Srinivasan, H., "The Jalapeno Dynamic Optimizing Compiler for Java," Java '99, San	
		Francisco, CA, US, ACM 12 June 1999, pp. 129-141 XP002134655	
	A39	Cramer, T., Friedman, R., Miller, T., Seberger, D., Wilson, R., Wolczko, M., "Compiling Java	
		Just in Time," IEEE Micro, IEEE Inc., New York, US, Vol. 17, No. 3, 1 May 1997, pp. 36-43	
	XP000656035, ISSN: 0272-1732		
	A40	Bank, J.S., "Java Security," 8 December 1995, pp. 1-13, X-002092325	
	A41	Koved, L., Nadalin, A.J., Neal, D., Lawson, T., "The Evolution of Java Security," IBM, The	
		Ultimate Resource for Java Developers, 1998, pp. 1-14, XP002144222	
	A42	North, K., "Database Programming with OLE and ActiveX," DBMS, US, M&T Publ., Redwood	
		City, CA, US, 11-1996, pp. 1-8	
		the state of the s	

EXAMINER	DATE CONSIDERED
LXAMINEN	DATE CONCIDENCE

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include conformation with next communication to applicant.

SEP 1 6 2004

Page 3 of 4

		1 ugo o o 1 1
FORM PTO-1449	SERIAL NO.	CASE NO.
•	09/677,074	10022/041
LIST OF PATENTS AND PUBLICATIONS FOR	FILING DATE	GROUP ART UNIT
APPLICANT'S INFORMATION DISCLOSURE	September 29, 2000	2183
STATEMENT	·	
(use several sheets if necessary)	APPLICANT(S): Scott R. Sarge	nt

EXAMINER		OTHER ART – NON PATENT LITERATURE DOCUMENTS		
INITIAL	(Inc	(Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial,		
OIPE		posium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.		
10 6 %		Joshi, S.M., Veeramani, D., "Book Review. Increasing the Interoperability of CAD Packages.		
	(4) S	CAD and Office Integration: OLE for Design and Modeling – A New Technology for CA-		
SEP 1 5 2004	اسا	Software," Computer Aided Design, Elsevier Publishers BV, Barking, GB, Vol. 29, No. 12,		
	ii k	12/01/1997, pp. 907		
	44	Schmoll, J. "Wird OLE for Process Controll (OPC) Ein Neuer Industriestandard?",		
TRADEMAN	€ <b>66</b> 0.	Automatisierungstechnische Praxis, ATP, Oldenbourg Verlag, Munchen, DE, Vol. 39, No. 5, 05/01/1997, pp. 11-12, 14-17		
Jan Marie	A45	Williams, S., Kindel, C., "The Component Object Model. The Foundation for OLE Services,"		
		Dr. Dobb's Special Report. Winter, 1994/95, Vol. 19, No. 16, 12/21/1994 pp. 14-22		
	A46	Smith, D., Tilley, S.R., Weiderman, N.H., "Transforming Legacy Application into Object-		
		Oriented Applications Workshop, Will Net-Centric Computing Change the Reengineering		
		Equation?" 1996, pp. 1-4		
	A47	Hamilton, M.A., "Java and the shift to Net-centric computer," Sun Microsystems, Computer,		
		paper published Aug. 1996, ISSN: 0018-9162, Aug. 1996, pp. 31-39		
	A48	Engestrom, J., "Software Agents, Towards Transparent Mediation, A Technology Report for		
		Salama Interactive, Jan. 1999, pp. 1-19.		
	A49	Morris, K.S. and Flater, D., "Standards-based software testing in a Net-Centric World," pp. 1-8		
		(cited by Examiner, no date given)		
	A50	Raje, R. and Chinnasamy, S., "Designing a distributed computing environment for global scale		
		systems: challenges and issues," ACM SIGAPP Applied Computing Review, Vol. 7, Issue 1,		
		Spring 1999, pp. 25-30.		
	A51	Copyright Registration for Netcentric Computing: Computing, Communications and		
		knowledge, Reg. 9 Jan. 98, p. 1		
	A52	Kramer, D., "The Java™ Platform: A White Paper, JavaSoft, pp. 1-25, May 1996.		
	A53	www.empowermentzone.com/javacomp.txt, Sun Microsystems, pp. 1-18, 1996.		
	A54	Copy of co-pending patent application, U.S. Patent Application Serial No. 09/386,917, filed		
		August 31, 1999; 340 pages, Inventor Michael K. Bowman-Amuah		
	A55	Copy of co-pending patent application, U.S. Patent Application Serial No. 10/647,411, filed		
		August 25, 2003; 22 pages, Inventor Michael K. Bowman-Amuah		
	A56	Copy of co-pending patent application, U.S. Patent Application Serial No. 09/387,654, filed		
		August 31, 1999; 818 pages, Inventor Michael K. Bowman-Amuah		
		RECEIVED		
		SEP 1 6 2004		
		Technology Contact Od Co		
		Technology Center 2100		

EVANINED		DATE CONSIDERED
LEXAMINER		DATE CONSIDERED
1		
l I	•	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.